

DIALOG(R) File 351:Derwent PI
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AA- 1996-183472/199619 |

XR- <XRAM> C96-058128|

XR- <XRPX> N96-154099|

TI- Gas permeable film mfr. for e.g. packaging material - by extruding resin compsn. contg. polyolefinic resin, inorganic filler, moisture absorbent, either polyolefin or organopolysiloxane|

PA- NIPPON UNICAR CO LTD (NIUE)|

NC- 001|

NP- 001|

PN- JP 8058043 A 19960305 JP 94215325 A 19940817 199619 B|

AN- <LOCAL> JP 94215325 A 19940817|

AN- <PR> JP 94215325 A 19940817|

FD- JP 8058043 A B32B-027/32|

LA- JP 8058043(6)|

AB- <BASIC> JP 8058043 A

The film is produced by extruding a resin compsn. comprising 30-70 wt.% a polyolefinic resin, 10-60 wt.% an inorganic filler having an average dia. of 1-10 mum, 0-10 wt.% a moisture absorbent, 2-30 wt.% either or both of an organopolysiloxane modified polyolefin and an organopolysiloxane through a T die at resin temp. of 280-340deg.C, a resin thickness of 10-100 mum, a take up speed of 30-100 m/min., to form a thin film and by laminating by pressing to a gas permeable substrate.

Pref. the gas permeable substrate is woven cloth, non-woven fabric, knitted material, paper, synthetic paper, net, splitting film, punched film. Mfr. of film by this method and permeability is new, having permeability of 100-50,000 sec./100 cc, moisture permeability of 3-1,000 g/m2 /day.

USE - Used as clothes material, packaging material, in civil or building engineering, agriculture, food prodn., chemical mfg. etc..

ADVANTAGE - The film has improved flexibility, touch, strength, and gas and moisture permeability.

Dwg.0/0|

DE- <TITLE TERMS> GAS; PERMEABLE; FILM; MANUFACTURE; PACKAGE; MATERIAL; EXTRUDE; RESIN; COMPOSITION; CONTAIN; POLY; OLEFINIC; RESIN; INORGANIC; FILL; MOIST; ABSORB; POLYOLEFIN; ORGANO; POLYSILOXANE|

DC- A17; A26; A94; P73|

IC- <MAIN> B32B-027/32|

IC- <ADDITIONAL> B32B-005/18; B32B-027/10; B32B-027/12; C08L-023/00|

MC- <CPI> A04-G01E; A06-A00E; A07-A04F; A08-R01; A11-B07A; A11-B09D; A12-S06A; A12-S06C; A12-S06D|

FS- CPI; EngPI||

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DIALOG(R) File 351:Derwent CPI
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AA- 1997-175831/199716 |
XR- <XRAM> C97-056406|
TI- Resin compsn(s). for prepn. of office automation instrument parts, etc.
- comprises rubber reinforced styrene resin(s), and silicone gum graft
copolymer(s), having good sliding properties|
PA- SUMITOMO DOW KK (DOWC)|
NC- 001|
NP- 001|
PN- JP 9040841 A 19970210 JP 95211131 A 19950726 199716 B|
AN- <LOCAL> JP 95211131 A 19950726|
AN- <PR> JP 95211131 A 19950726|
FD- JP 9040841 A C08L-055/02|
LA- JP 9040841(5)|
AB- <BASIC> JP 9040841 A

Sliding resin compsn(s). (I) comprises: (a) a rubber-reinforced
styrene resin(s), 100 pts. wt.; and (b) a silicone gum graft
copolymer(s) grafting 100 pts. wt. of aromatic vinyl monomer(s) (b1) or
a compsn. (b2) of (b1) and copolymerisable ethylenically unsatd.
monomer(s) (b3) to 0.3-50 pts. wt. of silicone gum, 0.2-50 pts. wt.

USE - (I) is useful as moulding material for prepn. of office
automation instrument parts, interior trims etc.

ADVANTAGE - (I) has good mechanical strength, mouldability, (I)
gives moulded articles having good appearance, sliding properties and
(I) generates little noise.

Dwg.0/0|

DE- <TITLE TERMS> RESIN; COMPOSITION; PREPARATION; OFFICE; AUTOMATIC;
INSTRUMENT; PART; COMPRISE; RUBBER; REINFORCED; STYRENE; RESIN;
SILICONE; GUM; GRAFT; COPOLYMER; SLIDE; PROPERTIES|

DC- A12; A13; A26|

IC- <MAIN> C08L-055/02|

IC- <ADDITIONAL> C08L-051/04; C08L-083/04|

MC- <CPI> A04-B01B; A04-C01A; A04-C02B1; A04-C04A; A06-A00B; A07-A04F;
A10-C03|

FS- CPI||

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